

Hilyard KM, Freimuth VS, Musa D, Kumar S, Quinn SC. The vagaries of public support for government actions in case of a pandemic. Health Aff (Millwood). 2010;29(12).

APPENDIX SUPPLEMENT 1. Support for Government Actions, By Respondent Demographic Characteristics

Characteristic	Encourage people to stay home from work	Quarantining those who might have been exposed	Closing the borders to visitors from countries with outbreaks	Closing schools, stores, places of worship and other places where people gather	Helping people give health care to sick family members at home	Offer people vaccines or drugs that are new and not yet approved	Setting priorities to determine who gets limited supplies of vaccines or drugs	Giving out medicines or vaccines to people at a designated public location
	% Favor ^a	% Favor ^a	% Favor ^a	% Favor ^a	% Favor ^a	% Favor ^a	% Favor ^a	% Favor ^a
Gender								
Male	50.2	73.2***	66.6***	43.3	75.0	24.4	46.1	76.4
Female	49.5	82.4	76.1	45.0	75.6	19.2	50.1	73.1
Age								
18-34	52.5*	75.1	63.9**	45.5	65.6***	21.4	47.9	75.2
35-64	51.3	79.2	74.4	45.0	77.5	22.3	49.3	74.7
≥65	39.0	78.6	74.7	38.6	84.9	20.1	44.4	73.7
Race/Ethnicity								
White, Non-Hispanic	48.4	77.4	75.8***	43.4	78.0*	23.3	51.9**	75.4
Black, Non-Hispanic	52.2	81.5	73.7	45.3	71.2	22.9	36.5	69.6
Other, Non-Hispanic	61.8	72.8	73.0	45.9	69.8	13.4	48.3	64.5
Hispanic	49.5	80.2	47.6	46.6	67.5	21.4	39.1	79.9
Income								
< \$25,000	48.6	82.9*	74.7	47.9	76.9	21.3	34.9***	75.5
\$25,000 – \$49,999	50.8	80.1	71.9	47.1	77.2	21.6	45.4	72.7
\$50,000 – \$74,999	50.4	75.2	74.7	43.9	75.1	21.5	55.0	75.4
> \$75,000	49.6	73.5	66.0	38.4	72.3	22.3	57.5	75.3
Education								
<High School	43.3*	82.2	72.4***	46.7	67.0	24.9	39.0***	72.5
High School	45.1	79.9	76.2	42.3	76.6	17.9	42.0	71.9
Some College	51.1	74.3	75.3	46.7	76.2	23.6	45.4	79.1
≥ Bachelor's Degree	57.3	77.3	61.5	42.7	77.0	22.6	62.7	74.4

Adjusted Pearson Chi Square test: *p≤0.05; **p≤0.01 ***p≤0.001. Totals vary due to missing data..

^a % Includes Favor & Strongly Favor

APPENDIX SUPPLEMENT 2. Support for Government Actions, By Respondent Attitudinal Characteristics Regarding H1N1

Attitudinal Characteristic Regarding H1N1 ^a	Encourage people to stay home from work	Quarantining those who might have been exposed	Closing the borders to visitors from countries with outbreaks	Closing schools, stores, places of worship and other places where people gather	Helping people give health care to sick family members at home	Offer people vaccines or drugs that are new and not yet approved	Setting priorities to determine who gets limited supplies of vaccines or drugs	Giving out medicines or vaccines to people at a designated public location
	% Favor ^b	% Favor ^b	% Favor ^b	% Favor ^b	% Favor ^b	% Favor ^b	% Favor ^b	% Favor ^b
Perceived susceptibility to H1N1								
Less Susceptibility	49.3	76.1***	72.0	41.7***	75.8	21.3	49.1	74.1
More Susceptibility	54.5	88.2	67.3	58.2	71.0	25.2	42.7	77.1
Perceived severity of H1N1								
Less Severe	49.8	72.8***	69.4	39.2***	77.3	21.6	51.2*	74.8
More Severe	49.8	85.1	74.4	50.8	72.7	22.3	43.6	74.3
Concern about getting H1N1								
Less Concern	47.6	73.0***	70.3	39.5**	75.0	22.8	49.8	73.6
More Concern	52.2	83.7	73.2	49.4	75.6	20.2	46.0	76.0
Trust in government's handling								
Less Trust	44.0**	72.5***	76.2**	40.6	76.4	19.5	41.0***	70.5*
More Trust	53.9	81.8	68.1	46.9	74.5	23.2	53.1	77.5
Fairness of treatment of all groups								
Less Fairness	49.3	74.5*	72.1	38.7**	74.1	19.1	39.7***	73.0
More Fairness	50.3	80.1	71.6	47.8	76.2	23.4	53.5	75.6
Ever experienced discrimination								
No	49.6	77.3	72.2	44.6	74.9	22.1	49.5*	74.0
Yes	51.1	82.4	66.5	42.3	77.6	19.1	38.9	78.9

Adjusted Pearson Chi Square test: *p≤0.05; **p≤0.01 ***p≤0.001. Totals vary due to missing data..

^a See Methods Section for definitions.

^b Includes Favor & Strongly Favor

APPENDIX SUPPLEMENT 3. Logistic Regression Results: Support for Government Actions Regarding H1N1

Demographic and Attitudinal Characteristics Regarding H1N1 ^a	Encourage people to stay home from work	Quarantining those who might have been exposed	Closing the borders to visitors from countries with outbreaks	Closing schools, stores, places of worship and other places where people gather	Helping people give health care to sick family members at home	Offer people vaccines or drugs that are new and not yet approved	Setting priorities to determine who gets limited supplies of vaccines or drugs	Giving out medicines or vaccines to people at a designated public location
	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)
Female	0.93 (0.71, 1.22)	1.48 (1.07, 2.05)*	1.53 (1.13, 2.08)**	0.98 (0.75, 1.28)	0.94 (0.70, 1.27)	0.71 (0.51, 0.97)*	1.24 (0.94, 1.64)	0.80 (0.58, 1.08)
Age (Ref: 18-34)								
35-64	0.90 (0.65, 1.24)	1.16 (0.78, 1.73)	1.70 (1.17, 2.46)**	0.92 (0.66, 1.27)	1.74 (1.21, 2.51)**	0.99 (0.67, 1.46)	0.95 (0.68, 1.33)	0.99 (0.67, 1.45)
≥65	0.55 (0.36, 0.85)**	0.98 (0.0.59, 1.62)	1.47 (0.92, 2.35)	0.62 (0.40, 0.97)*	2.73 (1.62, 4.60)***	0.83 (0.49, 1.40)	0.70- (0.45, 1.09)	0.92 (0.55, 1.55)
Race/Ethnicity (Ref: White, Non-Hispanic)								
Black, Non-Hispanic	1.07 (0.69, 1.65)	0.97 (0.54, 1.74)	0.73 (0.42, 1.26)	0.96 (0.62, 1.49)	0.65 (0.40, 1.06)	1.05 (0.63, 1.77)	0.66 (0.41, 1.06)	0.68 (0.41, 1.11)
Other, Non-Hispanic	1.66 (0.82, 3.35)	0.85 (0.38, 1.87)	1.01 (0.47, 2.13)	1.12 (0.56, 2.27)	0.69 (0.32, 1.45)	0.52 (0.18, 1.50)	0.80 (0.41, 1.55)	0.56 (0.26, 1.22)
Hispanic	0.95 (0.61, 1.46)	0.64 (0.38, 1.08)	0.20 (0.12, 0.33)***	0.81 (0.52, 1.26)	0.67 (0.40, 1.12)	0.82 (0.48, 1.42)	0.71 (0.46, 1.11)	1.21 (0.73, 1.99)
Income (Ref: < \$25,000)								
\$25,000 – \$49,999	0.99 (0.68, 1.44)	0.88 (0.54, 1.42)	1.00 (0.65, 1.54)	0.98 (0.66, 1.43)	0.95 (0.61, 1.47)	0.97 (0.60, 1.58)	1.47 (0.99, 2.18)	0.80 (0.51, 1.25)
\$50,000 – \$74,999	0.91 (0.59, 1.40)	0.71 (0.41, 1.21)	1.07 (0.66, 1.73)	0.89 (0.57, 1.38)	0.79 (0.48, 1.29)	1.01 (0.59, 1.71)	1.98 (1.26, 3.10)**	0.93 (0.55, 1.56)
> \$75,000	0.77 (0.51, 1.16)	0.68 (0.40, 1.13)	0.85 (0.52, 1.37)	0.69 (0.45, 1.05)	0.63 (0.39, 1.02)	0.91 (0.55, 1.50)	1.88 (1.24, 2.85)**	0.88 (0.54, 1.44)
Education (Ref: <High School)								
High School	1.15 ((0.71, 1.86)	0.92 (0.51, 1.66)	0.70 (0.41, 1.20)	1.00 (0.61, 1.65)	1.54 (0.92, 2.57)	0.66 (0.35, 1.22)	1.04 (0.62, 1.72)	1.16 0.68, 2.00)
Some College	1.54 (0.95, 2.51)	0.83 (0.46, 1.50)	0.69 (0.39, 1.20)	1.39 (0.84, 2.30)	1.65 (0.96, 2.83)	1.01 (0.54, 1.92)	1.17 (0.70, 1.95)	1.94 (1.10, 3.40)*
≥ Bachelor's Degree	1.98 (1.19, 3.29)**	1.01 (0.54, 1.87)	0.35 (0.19, 0.62)***	1.25 (0.74, 2.13)	1.77 (0.99, 3.14)	0.95 (0.49, 1.83)	1.98 (1.16, 3.38)*	1.42 (0.79, 2.55)
Greater perceived susceptibility to H1N1	1.23 (0.81, 1.88)	1.75 (1.05, 2.91)*	0.83 (0.54, 1.25)	1.79 (1.18, 2.71)**	0.80 (0.49, 1.28)	1.31 (0.80, 2.15)	1.02 (0.66, 1.57)	1.06 (0.63, 1.77)
Greater perceived severity of H1N1	0.99 (0.73, 1.35)	1.63 (1.12, 2.38)*	1.53 (1.08, 2.19)*	1.45 (1.07, 1.97)*	0.80 (0.56, 1.13)	1.17 (0.81, 1.69)	0.92 (0.67, 1.25)	0.89 (0.63, 1.26)
More concern about H1N1	1.22 (0.91, 1.64)	1.54 (1.09, 2.19)*	1.14 (0.82, 1.59)	1.28 (0.96, 1.72)	1.17 (0.84, 1.61)	0.88 (0.62, 1.26)	1.11 (0.82, 1.50)	1.29 (0.93, 1.78)

More trust in government's handling of H1N1	1.51 (1.15, 2.00)**	1.72 (1.24, 2.40)***	0.79 (0.57, 1.09)	1.24 (0.94, 1.65)	0.90 (0.65, 1.23)	1.18 (0.83, 1.67)	1.39 (1.04, 1.87)*	1.50 (1.09, 2.06)*
Greater perceived fairness of treatment of all groups	1.08 (0.82, 1.44)	1.32 (0.93, 1.87)	0.90 (0.64, 1.26)	1.52 (1.14, 2.04)**	1.10 (0.79, 1.53)	1.32 (0.94, 1.86)	1.76 (1.31, 2.38)***	1.17 (0.84, 1.64)
Ever discriminated against	1.06 (0.68, 1.64)	1.21 (0.67, 2.19)	0.96 (0.58, 1.61)	0.77 (0.48, 1.23)	1.77 (1.04, 3.04)*	0.92 (0.52, 1.63)	1.05 (0.65, 1.70)	1.46 (0.87, 2.42)
Number of cases	1457	1454	1451	1451	1452	1453	1453	1449
R ²								

OR = Odds Ratio, 95%CI = 95% Confidence Interval

^a See Methods Section for definitions.